

AMENDMENTS TO THE CLAIMS

Kindly amend the claims as follows:

1-10. (canceled).

11. (Currently Amended) A non-phytotoxicity Fungicidal emulsion for use in agriculture crop, especially for treating fungal disease, comprising tea tree oil in and water emulsion wherein the emulsifier is a water solution of a reaction product of a high molecular weight organic fatty acid and an of alkali or ammonium salts of organic fatty acids compound.

12. (Original) The emulsion according to claim 11, additionally comprising etheric oil.

13. (Currently Amended) The emulsion according to claim 12, wherein said additional etheric oil is selected from a group including among lavender oil, pine oil, manuka oil, kanuca oil, eucalyptus oil, bergamot oil, clove oil, lemon oil, lemon grass oil, rosemary oil, geranium oil or any combination thereof.

14. (Currently Amended) The emulsion according to claim 11, wherein the concentration of said the tea tree oil is about between 0.01% up to about 10% (weight percent), based on the total volume of said emulsion.

15. (Currently Amended) The emulsion according to claim 11, wherein the concentration of said the tea tree oil is about between 0.1% to about 1.5% (weight percent), based on the total volume of said emulsion.

16. (Canceled)

17. (Currently Amended) The emulsion according to any of claim 11, wherein said the alkali or and ammonium compounds are selected from a group including among sodium compounds, potassium and/or ammonium hydroxides, carbonates, bicarbonates or any mixture thereof.

18. (Currently Amended) The emulsion according to claim 124, wherein the concentration of said the additional etheric oil is about between 0.01% to about 5% (weight percent), based on the total volume of said emulsion.

19. (Currently Amended) The emulsion according to claim 11, wherein said the fatty acid is comprises selected among:

- a) a. at least one portion of tall oil acids, naftenic acids, rosin acids or and any mixture thereof;
- b) b. at least one portion of saturated fatty acid selected from a group including among lauric acid, myristic acid, palmitic acid, stearic acid, arachindic arahnoic acid, behenic acid, lignoceric lignocerinic acid or any mixture thereof; and,
- c) at least one portion of unsaturated fatty acids selected from a group including among decenoic acid, dodecenoic acid, lignoceric palmitinoleic acid, oleic acid, linoleic linoleic acid, undecylenic undecenoic acid, sorbic acid, ricinoleic ricinoleic acid or any mixture thereof.

20. (New) The emulsion according to claim 11, wherein said emulsion is characterized by fungicide activity for treating plants, crop and soil diseases.

21. (New) The emulsion according to claim 11, wherein said pathogens are located in the flowers, fruits, leaves, roots, tubers, bulbs or any other plant matter.